

TITLE

PLANT AMINO ACID BIOSYNTHETIC ENZYMES

ABSTRACT OF THE DISCLOSURE

This invention relates to an isolated nucleic acid fragment encoding a plant cysteine  $\gamma$  synthase. The invention also relates to the construction of a chimeric gene encoding all or a portion of the plant cysteine  $\gamma$  synthase, in sense or antisense orientation, wherein expression of the chimeric gene results in production of altered levels of the plant biosynthetic enzyme in a transformed host cell.

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KL/dmm